What is claimed is:

1. A on-line reservation method for public facility, comprising the steps of:

storing a plurality of approved reservation records corresponding a plurality of public facilities on a computer, wherein each said approved reservation record contains information about an approved time span, an approved name of an applicant and an approved name list of participators;

storing a plurality of registered data on said computer, wherein each said registered data containing a set of user name and corresponding user password;

receiving a log-in data submitted from a applicant on said computer, wherein said log-in data containing a set of applicant name and corresponding applicant password;

identifying said log-in data on said computer, and allowing said applicant to submit a reservation request when said set of applicant name and corresponding applicant password of said log-in data is identical to any set of user name and corresponding user password of said plurality of registered data;

receiving said reservation request submitted from said applicant on said computer, wherein said reservation request containing information about a reservation time span, a reservation name of an applicant corresponding to said reservation span and a reservation name list of participators;

processing said reservation request on said computer, and said reservation request is accepted to be a new approved reservation record and added to said approved reservation records when said reservation time span is not overlapped with any approved time span of said plurality of approved reservation records; and

outputting an approved reservation notices according to said reservation

name of said applicant and said reservation name list of participators on said computer when said reservation request was accepted to be said new approved reservation record.

2. The method according to claim 1, wherein any of said public facilities corresponds to an operating instruction, and said reservation time span is selected from a group consisting of single time span, multiple time spans, and cyclic time spans of said reservation request.

3. The method according to claim 1, further comprising the step of:

requesting said applicant to submit a new log-in data when said set of applicant name and corresponding applicant password of said log-in data is not identical to any set of user name and corresponding user password of said plurality of registered data.

4. The method according to claim 1, further comprising the steps of:

allowing said applicant to submit a query request when said set of applicant name and corresponding applicant password of said log-in data is identical to any set of user name and corresponding user password of said plurality of registered data;

receiving said query request submitted from said applicant, wherein said query request contains questions about a corresponding introduction and a corresponding approved reservation record; and

displaying said corresponding introduction and said corresponding approved reservation record.

5. The method according to claim 1, further comprising the steps of:

allowing said applicant to submit a cancellation request when said set of applicant name and corresponding applicant password of said log-in data is identical to any set of user name and corresponding user password of said plurality of registered data;

outputting and displaying every corresponding approved reservation record of said applicant when said applicant name is identical to any approved name of applicant of said plurality of approved reservation records;

receiving said cancellation request submitted from said applicant, wherein said cancellation request contains information about a cancellation time span;

processing said cancellation request, and said cancellation request is accepted and each corresponding approved reservation record of said applicant is deleted when said cancellation time span matches any approved time span of said plurality of approved reservation records; and

optionally outputting cancellation notices according to said reservation name of said applicant and said reservation name list of participators of each deleted corresponding approved reservation record.

6. The method according to claim 5, wherein said cancellation time span is selected from a group consisting of single time span, multiple time spans, and cyclic time spans of said cancellation request.

7. The method according to claim 1, further comprising the step of:

outputting a suggested reservation time span when said reservation time span is overlapped with any approved time span of said plurality of approved reservation records.

8. The method according to claim 7, further comprising performance of any one

of two steps as following:

outputting said suggested reservation time span, and said reservation request is accepted to be a new approved reservation record and added to said approved reservation records when receiving a confirm message about said suggested reservation time span sent from said applicant; and

outputting said suggested reservation time span, and requesting said applicant to submit a new reservation request.

9. A storage medium for storing controlling program of on-line reservation of public facilities, containing data that can be read by a computer and used to allow reservation of said public facility on the computer, comprising:

a first program for storing a plurality of approved reservation records corresponding a plurality of public facilities on said computer, wherein each said approved reservation record contains information about an approved time span, an approved name of an applicant and an approved name list of participators;

a second program for storing a plurality of registered data on said computer, wherein each said registered data contains a set of user name and corresponding user password;

a third program for receiving a log-in data submitted from a applicant on said computer, wherein said log-in data containing a set of applicant name and corresponding applicant password;

a fourth program for identifying said log-in data on said computer, and allowing said applicant to submit a reservation request when said set of applicant name and corresponding applicant password of said log-in data is identical to any set of user name and corresponding user password of said plurality of registered data;

a fifth program for receiving said reservation request submitted from said

applicant on said computer, wherein said reservation request containing information about a reservation time span, a reservation name of an applicant and a reservation name list of participators;

a sixth program for processing said reservation request on said computer, and said reservation request is accepted to be a new approved reservation record and added to said approved reservation records when said reservation time span is not overlapped with any approved time span of said plurality of approved reservation records; and

a seventh program for outputting approved reservation notices according to said reservation name of said applicant and said reservation name list of participators of said new approved reservation record on said computer.

10. The storage medium for storing controlling program of on-line reservation of public facilities according to claim 9, wherein any of said public facilities corresponds to an operating instruction, and said reservation time span is selected from a group consisting of single time span, multiple time spans, and cyclic time spans of said reservation request.

11. The storage medium for storing controlling program of on-line reservation of public facilities according to claim 9, wherein said fourth program further makes the computer perform step of:

requesting said applicant to submit a new log-in data when said set of applicant name and corresponding applicant password of said log-in data is not identical to any set of user name and corresponding user password of said plurality of registered data.

12. The storage medium for storing controlling program of on-line reservation

of public facilities according to claim 9, wherein said fourth program further makes the computer perform steps of:

allowing said applicant to submit a query request when said set of applicant name and corresponding applicant password of said log-in data is identical to any set of user name and corresponding user password of said plurality of registered data;

receiving said query request submitted from said applicant, wherein said query request comprises questions about a corresponding approved reservation record to said public facilities; and

displaying introduction and approved reservation record corresponded by said public facilities.

13.   The storage medium for storing controlling program of on-line reservation of public facilities according to claim 9, wherein said fourth program further makes the computer perform steps of:

allowing said applicant to submit a cancellation request when said set of applicant name and corresponding applicant password of said log-in data is identical to any set of user name and corresponding user password of said plurality of registered data;

outputting corresponding approved reservation record of said applicant and displaying every corresponding approved reservation record of said applicant when said applicant name is identical to any approved name of applicant of said plurality of approved reservation records;

receiving said cancellation request submitted from said applicant, wherein said cancellation request contains information about a cancellation time span;

processing said cancellation request, and said cancellation request is accepted and each corresponding approved reservation record of said applicant

is deleted when said cancellation time span matches any approved time span of said plurality of approved reservation records; and

optionally outputting cancellation notices according to said reservation name of said applicant and said reservation name list of participators of each deleted corresponding approved reservation record.

14. The storage medium for storing controlling program of on-line reservation of public facilities according to claim 13, wherein said cancellation time span is selected from a group consisting of single time span, multiple time spans, and cyclic time spans of said cancellation request.

15. The storage medium for storing controlling program of on-line reservation of public facilities according to claim 9, wherein said fifth program further makes said computer perform step of:

outputting a suggested reservation time span when said reservation time span is overlapped with any approved time span of said plurality of approved reservation records.

16. The storage medium for storing controlling program of on-line reservation of public facilities according to claim 15, wherein said fifth program makes said computer perform any one of two possible variations as following:

outputting said suggested reservation time span, and said reservation request is accepted to be a new approved reservation record and added to said approved reservation records when received a confirm message about said suggested reservation time span sent from said applicant; and

outputting said suggested reservation time span, and requesting said applicant to submit a new reservation request.

17. An on-line reservation system for public facility, comprising:

a storing device for storing a plurality of corresponding registered data and a plurality of approved reservation records of a plurality of public facilities, wherein each said registered data contains a set of user name and corresponding user password, and each said approved reservation record contains information about an approved time span, an approved name of an applicant and an approved name list of participators; and

a processing device for performing the steps of:

receiving a log-in data submitted from an applicant, wherein said log-in data containing a set of applicant name and corresponding applicant password;

identifying said log-in data, and allowing said applicant to submit a reservation request when said set of applicant name and corresponding applicant password of said log-in data is identical to any set of user name and corresponding user password of said plurality of registered data;

receiving said reservation request submitted from said applicant, wherein said reservation request containing information about a reservation time span, a reservation name of an applicant and a reservation name list of participators;

processing said reservation request, and said reservation request is accepted to be a new approved reservation record and added to said approved reservation records when said reservation time span is not overlapped with any approved time span of said plurality of approved reservation records, wherein said approved reservation records are stored in said storing device; and

outputting approved reservation notices according to said reservation name of said applicant and said reservation name list of participators when said reservation request was accepted to be said new approved reservation record.

18. The system according to claim 17, wherein any of said public facilities corresponds to an operating instruction, and said reservation time span is selected from a group consisting of single time span, multiple time spans, and cyclic time spans of said reservation request.

19. The system according to claim 17, further comprising an operation interface for receiving any message submitted from said applicant.

20. The system according to claim 17, further comprising a notice interface for outputting an application result of said reservation request to said applicant and relevant participators.